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April 28, 2004

Dear Mr. Albert Paladini  
Patent Examiner  
Fax: 703-746-7239

Application/Control Number: 10/079,309  
Art Unit: 2125

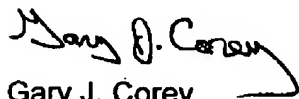
Reference: Office Communication dated April 9, 2004

Once again, we want to thank you for providing us examples regarding the proper format in which to submit our "Amendment." Enclosed is our amended specification and claims in a format that we believe is now in compliance with 37 CFR 1.121. However, if this submittal still does not comply with 37 CFR 1.121, we will gladly accept any advice you may have in which to correct our submittal. We have made a genuine effort to understand exactly what is required to accurately respond to your office's "Failure to Acceptably Respond to Notice of non-Compliant Amendment."

My staff has spoken with Mr. Vincent Trans, who was helpful in giving us the advice and suggestions we needed to respond to your Office communication.

We have mailed our amended specification and amended claims to your office today.

Sincerely,



Gary J. Corey

21445 Bundy Canyon Drive, Wildomar, California, USA, 92595  
Title of Invention: Multi-Axes Tool Compensation – 3D and 5-axis real-time interactive tool compensation inside the CNC machine tool controller.

Applicant : Gary John Corey  
Appl. No. : 10/079,309  
Filed : January 11, 2002  
Title : Multi-Axes Tool Compensation - 3D and 5-axis real time  
interactive tool compensation inside the CNC machine tool  
controller  
  
Grp./A.U. : 2125  
Examiner : Albert W. Paladini  
  
Docket No. : None

Honorable Commissioner for Patents  
Washington DC 20231

### SUBSTITUTE SPECIFICATION

Sir:

This substitute specification includes no new matter.

Respectfully submitted,

INVENTOR

BY Gary John Corey  
Gary John Corey  
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(909) 674-8100

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**AMENDMENT**

Sir:

In response to the Office action of April 9, 2004, please amend the above-identified application as follows:

**In the Specification:**

**Please add a new section after the first paragraph on page 4, as follows:**

**BRIEF DESCRIPTIONS OF THE SEVERAL VIEWS OF THE DRAWINGS**

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG 1. is the operator interface screen that users use to enter in the tool size and offsets.

FIG 2. individually labels the various dimensions used in the calculations of Multiple-axis Tool Compensation.